

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-11 (Canceled).

Claim 12 (Currently Amended): A system for assembly between a first sheet of glass including a first hole with countersunk surfaces ~~hole~~ on each of its sides and a second sheet of glass ~~also~~ including a second hole with countersunk surfaces ~~hole~~ on each of its sides, comprising:

a first connecting piece in said first hole, said first connecting piece being made of two elements and having a bore and further having conical surfaces that mate with the countersunk surfaces of the first hole;

a second connecting piece in said second hole, said second connecting piece being made of two elements and having a bore and further having conical surfaces that mate with the countersunk surfaces of the second hole;

~~each countersunk hole configured respectively to take first and second connecting pieces made of two elements making it possible, by clamping the elements, to introduce a preload into the countersunk hole, each of the first and second connecting pieces being provided with a bore, the system comprising:~~

a connecting core connecting with the first and second connecting pieces, wherein the connecting core comprises first and second parts, wherein the first part mates with the surface of the bore of the first connecting piece on which it exerts a force roughly parallel to an axis of the hole and the second part fits into the bore made in the second connecting piece therein to react to the force.

Claim 13 (Previously Presented): The assembly system as claimed in claim 12, wherein the bore of the first connecting piece is conical and is configured to accommodate the first part of the connecting core.

Claim 14 (Previously Presented): The assembly system as claimed in claim 12, wherein the conical surface of the first part of the connecting core has a cone angle roughly similar to that of the cone of the bore of the first connecting piece.

Claim 15 (Previously Presented): The assembly system as claimed in claim 12, wherein the bore of the second connecting piece is roughly cylindrical and is configured to accommodate the second part of the connecting core.

Claim 16 (Previously Presented): The assembly system as claimed in claim 12, wherein the second part of the connecting core comprises at least a first and a second ring that are eccentric and nested one inside the other.

Claim 17 (Previously Presented): The assembly system as claimed in claim 16, wherein each of the first and second rings is split.

Claim 18 (Previously Presented): The assembly system as claimed in claim 16, wherein an inner bore of the first ring is conical.

Claim 19 (Previously Presented): The assembly system as claimed in claim 16, wherein an outer bore of the first ring has a step configured to be housed in a bore thus retaining the glass should the glass break.

Claim 20 (Cancelled).

Claim 21 (Currently Amended): The sheet of glass as claimed in claim [[20]] 12, wherein at least one of the connecting pieces ~~piece~~ or the connecting core are configured to accommodate ~~equipped with~~ holding means for transmitting loads directed roughly in the plane of the sheets of glass either to a structural element or to another sheet of glass.

Claim 22 (Cancelled).